# Subject Index for Volume 35 · 2005

Compiled by Dr. R. Schumacher, Mainz
Keywords refer to first page of an article

## A


abdominal distension 1212
– mass 728
– masses, giant cystic 1277
acinar dysplasia 311
acute scrotum, color Doppler US 597
adrenal gland tumor 1132
– hemorrhage 1277
adrenoleukodystrophy, neonatal 212
agammaglobulinemia, x-linked 339
airway compression, spondylitis 1159
Alexander disease 587
alpha-fetoprotein level, rising 1139
alveolar-capillary dysplasia 311
anamnesis 839
aneurysm, dissecting, cerebellum 1118
aneurysmal bone cyst 555
– – –, extraosseous 1240
aneurysms, arterial, treatment 1006
angel shaped phalanges 535
angioplasty, percutaneous 688
ankle injuries 1062
ankylosis, cervical 330
Antley-Bixler syndrome 641
aorta, abdominal 26
–, dilatation 323
–, normal diameter 323
aortic arch, anomaly 1259
– –, double 945
– –, interrupted 11
– –, right 945
aortic arches, abnormalities 947
– –, embryology 947
aortic coarctation 11, 26
apology 381
appendicitis 1267
–, acute 198, 392
–, assessment, costs 1186
–, CT 495
appendix, abscess 1277
arachnoid cyst 124
– –, suprasellar 1045
arterial pseudoaneurysm 434
arteriitis, Takayasu's 26
arteriography, cerebral, complication 1174
artery, isolated subclavian 1259
arthritis 1271
artifact, twinkling sign 351
ASPED megaepiphyseal-metaphyseal dyspl.c 535
aspiration, bronchial obstruction 91
astrocytoma, pilocytic 1086
astroglial tumor 910
atelectasis, pulmonary artery sling 543
atlantoaxial joint, stability 803
atlanto-axial subluxation, non-traumatic 330
atresia, oesophageal 216
atrophy, cerebral 1019
auditory canal, duplicated internal 1220
authors' sequence, reference list 1289, 1290
autism, sedation protocol 867
av malformation, paratesticular 532


## B


Beckwith-Wiedemann syndrome 358, 1132
biliary lithiasis 290
biopsy tract, osteosarcoma 717
birth injury, brachial plexus 402
bleomycin therapy, complication 1227
bone cyst, aneurysmal, extraosseous 1240
– densitometry, DEXA 511
– measurement, US 847
– mineral density, DXR 489
– scintigraphy, malignant tumor 766
– speed of sound 847
bowel distension 1056
– obstruction 1128, 1224
–, duplication cyst 1246
brachydactyly C 535
brain damage 722
– death 54
– injury 668
– trauma 54
– tumor, contrast media 501
– tumors, post-operative, MRI 334
–, asphyxia 998
–, magnetization transfer ratio 1071
–, malformation 812
–, superficial calcification 85
–, vanishing white matter 1027
branchial cyst, neck 463
bronchial obstruction, aspiration 91
brown adipose tissue, PET 984


## C


Caffey-Silverman disease, history 730
calcaneus, gout 899
calcification, basal ganglia 710
–, brain, superficial 85
–, liver 546
–, orbital tumor 1145
–, renal cyst 155
calcinosis cutis dystrophic 539
camptomelia 641
CI shift imaging, asphyxia 998
chest radiogram, cystic fibrosis 739
– tumor 387
chondrodysplasia punctata x.linked, rec. 535
chorioid plexus hyperplasia 815
choristomas, ocular 1145
classification, CCAM 79
–, congenital hemangiomas 1178
–, femoral hypoplasia 641
cleft lip 216
– palate 216
clinical data 839
– history, intensive care units 918
CME credit 357
Cockayne syndrome 1019
coeliac disease, complication 710
colitis, infectious 702
colon, polyps 518
colonic neuroendocrine carcinoma 339
– neuroenl shift imaging, asphyxia 998
color Doppler US, bridging veins 1113
colour Doppler artifact, twinkling sign 351
– – US, acute scrotum 597
commissural agenesis 587
communication skills 381
complication arterial injury 434
–, bleomycin therapy 1227
–, calcium gluconate therapy 539
–, central venous catheter 684
–, – – line 258
–, costal osteochondroma 706
–, dried apricots 1224
–, hydrocele 1267
–, infectious mononucleosis 330
–, leukemia treatment 1121
–, liquid ventilation 1152
–, liver transplant 327
–, – transplantation 688
–, mechanical ventilation 1152
–, nephrotic syndrome 198
–, osteosarcoma biopsy 717
–, peliosis hepatis 209
–, pneumonia 1031
– rates, cerebral arteriogr. 1174
–, system.lupus erythematosus 198
–, tumor lysis 722
–, urethral catheter 713
–, ventriculoperitoneal shunt 198
complications, lumbar puncture 1121
congenital lobar emphysema 891
contrast media, safety aspects 501
coronary arteries 792
–, CT 792
corpus callosum, agenesis 410, 1110
–, lipoma 1110
–, morphometry 565
–, quantitative analysis 1199
cortical malformation 587
corticospinal tracts 212
cost assessment, appendicitis 1186
costs, diagnostics, weekday vs weekend 1186
coumarin embryopathy 641
coxa vara, US 1167
CPAP, side effect 1196
craniopharyngioma 1045
3D CT, auditory canal, dupl. internal 1220
– –, hemangiomas 1100
CT, angiography 40
–, –, arthritis 1271
–, –, pulmonary 258
–, –, vascular malformations 1100
–, appendicitis 392, 495
–, bowel infarction 529
–, brain, basal enhancement 1092
–, –, – ganglia calcification 710
–, –, calcification 710
–, –, hematopoiesis 630
–, –, hydrocephalus 815
–, –, infarction 1092
–, –, sella turcica 451
–, –, tuberculous meningitis 1092
–, calcaneus, gout 899
–, CCAM 79
–, colonography 518
–, coronary arteries 792
–, cranial Ewing sarcoma 612
–, cylindrical reconstruction 627
–, functional imaging 1271
–, hepatoblastoma 1254
–, hydrocele, abdominoscrotal 1267
–, Langerhans' cell histiocytosis 103
–, lipoid pneumonia 619
–, liver, echinococcus 546
–, –, focal nodular hyperplasia 1234
–, –, hematoma, newborn 1139
–, lung, cystic fibrosis 1075
–, –, density 677
–, –, haemangiomatosis 635
–, –, interstitial emphysema 1243
–, –, respiratory distress 891
–, –, technique 1075
–, lymphadenopathy axillary 854
–, –, mediastinal 854
–, malrotation 1125
–, mandible, tumor 906
–, mediastinum, vascular rings 961
–, mesenteric lymph nodes 774
–, multi-detector, abdomen 40
–, –, angiography 11
–, –, contrast media 40
–, –, extremities 40
–, –, pelvis 40
–, –, radiation 40
–, –, scanning parameter 40

–, myofibromatosis infantile 374
–, orbit, calcification 1145
–, pancreas, cystic fibrosis 1157
–, –, neoplasm 819
–, pancreatic disorders 358
–, peliosis hepatis 209
–, perfusion kinetics 1271
–, pleuropulmonary blastoma 387
–, pulmonary artery sling 543
–, – tuberculosis 425
–, sedation 40
–, skull base hemangioendothelioma 1014
–, spine abnormalities 627
–, –, segmental dysgenesis 914
–, talus, osteochondritis dissecans 823
–, thoracic angiography 11
cyanotic heart disease, skull 698
cyst, orbital 1142
–, tailgut 194
cystic adenomatoid malformation, congen. 79
– fibrosis, CT technique 1075
– –, genetic influences 739
– –, historic review 735
– –, microbial interactions 739
– –, pancreas 1157
– –, pathophysiology 735
– –, radiological assessment 739
cysts, mesenteric 1277
–, renal 202

## D

Dandy-Walker continuum 124
deafness, congenital 1220
demyelination, active 212
dermis, plexiform neurofibroma 1250
dermoid cyst, neck 463
– –, orbit 1142
dermoids, limbal 1145
dermolipoma, orbital 1145
desmoplastic fibroma, mandible 906
developmental delay, corpus callosum 1199
DEXA, bisphosphonate 511
diabetes insipidus 1045
diaphragmatic dysfunction 661
– hernia, late-presenting 478
diastematomyelia 282
diastrophic dysplasia 116
digital radiometry, renal transplant 489
DMSA, renal parenchyma 275
Doppler US, 3D power, sirenomelia 931
– –, sickle cell screening 54
– –, transcranial 54
– –, –, sickle cell dis. 229, 235
– –, –, stroke 223
duodenal obstruction, extrinsic 1246
duplication cyst, gastrointestinal 1277
DXR, bone mineral density 489
dysplasia Kniest, MRI 191
–, diastrophic 116
–, kyphomelic 641
–, multiple epiphyseal 116
dysraphism, closed 914

## E

Echinococcus alveolaris, liver 546
echocardiographic myocardial function 1147
ectodermal dysplasia 202
embolus, pulmonary, intervention 1135
embryopathy, coumarin 641
empathy 381
emphysema, soft tissues 1227
encephalitis, limbic 694
enteric duplication cyst 1246
enterocolitis, necrotizing 1056
eosinophilic granuloma 103
epididymitis 302
epididymo-orchitis 302
esophageal atresia, mimic 1196
esophagram, vascular rings 961
evaluation algorithm 258
Ewing sarcoma, primary cranial 612

## F

Fairbank type MED 116
fat quantification, tissue 601
femur, deficiency proximal focal 1167
femoral epiphysis, necrosis 116
– hypoplasia, isolated 641
fentanyl pre-medication, PET 984
– sedation 867
fibromatosis colli 1167
fistula, tracheo-oesophageal 159
follow-up, astrocytoma 1086
–, sickle cell vasculopathy 242
fractures, occult, US 1062
Fuhrmann syndrome 641
functional imaging, perfusion 1271

## G

gall bladder varices 290
– –, contractility 290
– –, hydrops 1277
– –, wall thickness 290
ganglioglioma, desmoplastic infantile 1024
gastric outlet obstruction 808
– perforation, spontaneous 1212
– volvulus 327
gastroesophageal reflux 808
gastrointestinal stromal tumor 728
Gd-BOPTA vs. Gd-DTPA, MRI 501
giant cell tumor, metachronous 444
– – –, multifocal 444
glenohumeral joint incongruence 402
glycogen storage disease I 786
gout, intraosseous 899
Griesel's syndrome 330

## H

hair, brittle 1019
hamartoma, retrocoecal 194
hand, melorheostosis 1215
harmonic US, reflux 73
– –, urinary tract 655
hearing loss 1220
heart disease, congenital 295, 792
hemangioendothelioma, multifocal 1014
hemangioma, posterior mediastinal 1263
hemangiomas, congenital, classification 1178
–, differential diagnosis 1100
hemangiomatosis, pulmonary 635
hematocolpos 1277
hematoma, liver 1139
hematomas, cervical epidural 1121
–, subdural 1113
hematopoiesis, intracranial 630
–, extramedullary 630
hemothorax, diaphragmatic laceration 706
hemihypertrophy, malignant neoplasm 1208
hemodynamics, pulmonary, MRI 580
hepatic mesenchymal hamartoma 349
hepatoblastoma, recurrent 1254
hepatomegaly 786
hernia, diaphragmatic 478
hilar adenopathy 425
hip effusion, US 1167
–, developmental dysplasia 1167
Hippel-Lindau disease 358
Hodgkin's disease 169
– –, whole body staging 141
holoprosencephaly 410
home page: www.PedRad.info 344
horseshoe lung, prenatal diagnosis 1010
HRCT, cystic fibrosis 735, 739
hydrocele, complication 1267
–, giant abdominoscrotal 1267
hydrocephalus 54, 815
–, benign 1113
hydromyelia, postoperative 282
hydronephrosis 1277
hydroperitoneum, gastric perforation 1212
hypertension, leukencephalopathy 722
hypertrichosis, congenital 550
hyperuricemia 899
hypocalcemia, complication 539
hypopharynx, gaseous distension 1196
hypopituitarism 525, 1045
hypothalamic hamartoma 1045

## I

ichthyosis 1019
iliac hyperdense line sign 995
insulin resistance 601
intellectual performance 565
intussusception, air reduction 92
–, ileocolic 1246
–, saline enema reduction 92
–, techniques 95
iron overload 165

## K

Kawasaki disease 11
kidney, multicystic dysplastic 1277
–, pseudotumor 832
kidneys, glycogen storage disease, US 786
–, preterm infants 991
Klippel-Feil syndrome 1220
knee, ossification variants 880
–, osteochondritis dissecans 880
Kniest dysplasia 191
kyphomelic dysplasia 641

## L

Langerhans' cell histiocytosis 103, 555
Laron syndrome 1045
left heart, hypoplastic 186
legitimation 381
Letterer-Siwe disease 103
leukoencephalopathy 1027
–, reversible posterior 722
leukomalacia 587
lipoma, pericallosal 1110
–, subgaleal 1110
liquid ventilation, complication 1152
liver transplant, complication 327
– tumor, peliosis hepatis 209
– volume, thalassaemia major 165
–, birth trauma 1139
–, echinococcus alveolaris 546
–, focal nodular hyperplasia 1234
–, hematoma 1139
lumbar spine diameter, normal values 419
lung densitometry 677
– function, cystic fibrosis 739
– perfusion scintigraphy 295
–, barotrauma 1243
–, cystic lesions, preterm infant 1243
–, fibrosis 1227

–, haemangiomatosis 635
–, horseshoe 1010
–, interstitial emphysema, newborn 1243
–, malformation 79
–, pneumonitis 1227
lymph nodes, mediastinal 425
– –, mesenteric 774
lymphadenitis, mesenteric 774
lymphadenopathy, axillary 854
–, mediastinal 854
lymphangioma, neck 463
lymphobl. leukemia, optic nerve infiltr. 799
lymphoma, B-cell 722

## M

macrocephaly 54
macrocrania 550, 1113
macrosomia 550
magnetization transfer ratio, brain 1071
malformation, venolymphatic 1250
malignant neoplasm, secondary 1208
malrotation 529
–, midgut 1125
–, variance 1125
mandible, tumor 906
MDRCT, infection 555
–, parameters 555
–, trauma 555
–, tumors 555
mechanical ventilation, complication 1152
Meckel's diverticulum 216
mediastinal mass, posterior 1159, 1263
medical history 839
mekonium pseudocyst 1277
melorheostosis 1215
meningioma, atypical 895
Menkes' disease, aneurysms 1006
mental retardation, unexplained 587
MIBG scintigraphy 766
midgut volvulus 529
migrational disorders 410
m-mode US, diaphragm 661
mononucleosis, infectious 330
morning glory disc anomaly 525
morphometry, corpus callosum 565
Moyamoya disease 525
MR angiography, technique 26
– spectroscopy, brain 668, 998
– –, –, Tay-Sachs dis. 1081
– spectroscopy, leukencephalopathy 1027
–, abdomen, neurofibromatosis 317
–, –, demyelination 1081
MRA, angiography, body 3
–, bolus tracking 3
–, brain, sickle cell disease 249
–, contrast enhance 26
–, indication 26
–, Norwood 1 palliation 186
–, outlook 26
–, parallel imaging technique 3
–, pulmonary artery 258
–, SENSE technique 3
–, sickle cell disease 242
–, vascular rings 396
MRI, aneurysmal bone cyst 1240
–, aortic arch 1259
–, – arches, abnormalities 947
–, – dilatation 323
–, – recess 1230
–, blood oxygen saturation 179
–, BOLD venography 85
–, brain lesions, anoxic 998
–, –, aneurysm 1118
–, –, aqueduct stenosis 815
–, –, astrocytoma 1086
–, –, callosal lipoma 1110
–, –, chorioid plexus hyperplasia 815
–, –, corpus callosum 1199
–, –, – – thinning 758
–, –, ganglioglioma 1024
–, –, gliosis 1081
–, –, hematopoiesis 630
–, –, hypernatraemia 449
–, –, leukencephalopathy 1027
–, –, low-birth-weight child 758
–, –, meningioma 895
–, –, mental retardation 587
–, –, periventricular gliosis 758
–, –, pituitary apoplex 830
–, –, pituitary gland 1045
–, –, pontine tumors 872
–, –, pontomedullary disconnection 812
–, –, post-operative 334
–, –, sella turcica 451
–, –, sickle cell disease 249
–, –, small-for-gestational-age 758
–, –, Sturge-Weber syndrome 910
–, –, Tay-Sachs disease 1081
–, –, tuberous sclerosis 980
–, –, ventricular dilation 758
–, –, xanthoastrocytoma 910
–, cardiomyopathy 1147
–, cerebellum, fetal 124
–, congenital heart disease 179
–, contrast media, safety aspects 501
–, cranial Ewing sarcoma 612
–, fat quantification 601
–, fetal neural tube defects 124
–, – umbilical blood flow 826
–, –, horseshoe lung 1010
–, fetalacardiac twin 826
–, head, pharyngeal polyp 1107
–, hematocrit 179
–, hepatoblastoma 1254
–, kidney, pseudotumor 832
–, knee, osteochondritis dissecans 880
–, Langerhans' cell histiocytosis 103
–, leptomeningeal enhancement 334
–, liver volume 165
–, –, echinococcus 546
–, –, focal nodular hyperplasia 1234
–, lumbar spine diameter 419
–, mandible, tumor 906
–, mediastinum, vascular rings 961
–, melorheostosis 1215
–, muscular deficiency 572
–, myofibromatosis infantile 374
–, optic nerve infiltration 799
–, orbital cyst 1142
–, osteosarcoma 647
–, pancreas neoplasm 819
–, pancreatic disorders 358
–, pheochromocytoma 1132
–, pulmonary blood flow 295
–, – hemodynamics 580
–, Refsum disease 212
–, renal parenchyma 275
–, retrocoecal hamartoma 194
–, sedation protocol 867
–, shoulder 402
–, sickle cell disease 223
–, spine, epidural haematoma 1121
–, –, neuroblastoma 778
–, –, segmental dysgenesis 914
–, spondylodiscitis 1031
–, tick paralysis 206
–, tuberous sclerosis 1071
–, whole body 766
multidetector row CT, parameters 555
– – –, oesophag. atresia 624
multiple epiphyseal dysplasia 116
muscular dystrophy, merosin-deficient 572
– weakness 572
musculoskeletal imaging, MDRCT 555
– sonography 1167
mycobacterium avium, spleen 887
myelofibrosis 630
myocardial function 1147
myofibromatosis infantile 374, 808

## N

neck, cystic malformation 463
necrosis, capital femoral epiphysis 116
neonatal bone measurement 847
neonate, bronchial obstruction 91
neonates, radiographs 608
nephrocalcinosis 202, 786
nephroma, multilocular cystic 1277
nesidioblastosis 1066
neuroangiography, radiation dose 859
neuroblastoma mimic, mediastinal 1263
–, bone marrow metastases 778
–, metastases, MRI 778
neuroectodermal disorder 1019
neuroendocrine carcinoma, colon 339
neurofibroma, plexiform 317
–, –, dermis 1250
neurofibromatosis 1 317, 1250
– II 895
Noonan syndrome 202
normal develop., kidneys, preterm infant 991
– diameter, aorta 323
– values, lumbar spine diameter 419
Norwood 1 palliation 186

## O

obesity 601
obstruction, gastric outlet 808
oesophageal atresia 216, 624
– –, US 159
oesophagogram, vascular anomalies 947
oligohydramnios 931
ophthalmoplegia 830
optic nerve infiltration, ALL 799
orbit, tumor 1145
os odontoideum, lesions 803
osteochondritis dissecans, knee 880
– –, talus 823
osteochondroma, costal 706
osteogenic sarcoma 647
osteoglophonic dysplasia 535
osteoid osteoma, patella 929
osteomyelitis 555
–, skull base 451
–, US 1167
osteosarcoma 1208
–, multifocal 717
–, seeding 717
osteosclerosis 1019
ovarian teratoma 694
ovary, cyst 1277

## P

pancreas, anular 358
–, cystadenoma 1277
–, cystic fibrosis 1157
–, papillary tumor 358
–, pseudocyst 902, 1277
–, pseudopapillary neoplasm 819
–, regeneration 1066
–, tumor 819
pancreatectomy, follow up 1066
pancreatic disorders 358
– insufficiency 358
– lipomatosis 1157
pancreaticolithiasis 902
pancreatitis, chronic 902
pancreatoblastoma 358

paralysis, transient tick 206
paraneoplastic encephalitis 694
– syndromes 694
paraplegia 914
paratesticular av malformation 532
partnership 381
patella, multilayered 116
–, osteoid osteoma 929
pediatric radiology, training 454
peliosis hepatis, complication 209
pelvis, hemangioendothelioma 1014
pentobarbital sedation 867
perfluorocarbon ventilation 1152
perforation, spontaneous gastric 1212
perfusion kinetics 1271
pericardium, anatomy 1230
–, aortic recess 1230
peritonitis, bacterial 198
peroxisomal metabolic disorder 212
PET CT, hepatoblastoma 1254
– staging 169
–, brown adipose tissue 984
–, colitis 702
–, fentanyl pre-medication 984
–, Hodgkin's disease 141, 169
–, Langerhans' cell histiocytosis 103
phakomatosis, MR venography 85
phalanges, angel shaped 535
pharyngeal perforation, mimic 1196
pharynx, hairy polyp 1107
–, teratoma 1107
pheochromocytoma, adrenal 1132
phlegmasia cerulea dolens 1135
physical examination 839
pituitary apoplex 830
– gland, ectopic lobe 1045
– stalk 1045
– – interruption 410
platyspondyly 191
pleuropulmonary blastoma 387
pneumatosis intestinalis 1056
pneumomediastinum 1227
pneumonia, squalene 619
pneumonitis, radiation 141
pneumothorax 1227
polyp, hairy, pharynx 1107
–, urethral 691
pontocerebellar hypoplasia 812
pontomedullary disconnection 812
pontoneocerebellar hypoplasia 124
popliteal artery, aneurysm 440
– –, entrapment 440
portal vein thrombosis 290
– venous gas 1056
pregnancy, radiation dose 452
prerequisites 841
prolactinoma 830
pseudoachondroplasia 116
pseudoaneurysm 434
psoas abscess, pyogenic 1031
pulmonary arterial flow 580
– artery sling 543, 945
– atresia 11
– blood flow 295
– embolism 258
– –, chest CT 452
– opacification, newborn 311
– stenosis, branch 26
– thromboembolism 258
– tuberculosis, CT 425
– valve, absent 891
– venous obstruction 580
pyelonephritis 275
pyrexia of unknown origin 702

## R

radiation dose, barium enema 518
– –, chest CT 452
– –, CT colonography 518
– –, MDRCT 555
– –, neuroangiography 859
radiographic basics 839
– sign, bird's beak 1128
– –, CT, barber-pole 1125
– –, "hair-on-end skull" 698
– –, iliac hyperdense line 995
– –, catheter malposition 684
– –, periosteal sunburst 647
radiographs, neonates 608
radiology reports, dictated 841
reference list, authors sequence 1290, 1289
reflux gastroesophageal 808
Refsum disease, MRI 212
renal cell carcinoma 1208
– cysts 202
– –, simple 155
– ectopia 691
– transplant, bone mineral density 489
reporting, intensive care units 918
respect 381
respiratory distress 311
– –, neonate 891
retinal detachment 525
rhabdomyosarcoma, prostatic 1135
rhombencephalosynapsis 124
Ribbing type MED 116
rotator cuff muscle atrophy 402

## S

sacral dimple 194
– lipomas 282
Schmorl disease 116
scintigraphy, Langerhans' cell hist. 103
–, lung, blood flow 295
–, thymic rebound 141
sclerotherapy, renal cysts 155
septo-optic dysplasia 410
septum pellucidum, agenesis 410
sequela, renal cyst therapy 155
shoulder, US 1167
shunt complication, post-operative 26
–, splenorenal 688
–, ventricle-to-pulmonary artery 186
Shwachman-Diamond syndrome 358
sickle cell anemia, stroke prediction 66
– – dis., transcranial Doppler 229
– – disease 223
– – screening, Doppler 54
– – vasculopathy 221, 235, 242
sirenomelia 931
skeletal age 429
skull base osteomyelitis 451
– –, hemangioendothelioma 1014
–, cyanotic heart disease 698
–, lytic lesions 1014
small-for-gestational-age, brain imaging 758
soft tissue, aneurysmal bone cyst 1240
SPECT, Hodgkin's disease 169
speech recognition 841
spinal compression 1121
– dysraphism 282
– hematoma 1121
spine abnormalities, CT 627
– tumors, contrast media 501
–, kyphosis 914
–, segmental dysgenesis 914
SPINK 1 mutation 902
spleen, calcifications 887
–, cyst 1277
–, tuberculous abscess 887
spondylitis, tuberculous 1159
spondylodiscitis, pyogenic 1031
sport 381
squalene aspiration pneumonia 619
staging, Hodgkin's disease 141
–, osteochondritis dissecans 880
stent treatment, aneurysms 1006
stomach tumor 728
stroke 229, 249, 525
– prediction, Doppler imaging 66
– prevention 229, 235
–, sickle cell disease 235
Stueve-Wiedemann syndrome 641
Sturge-Weber syndrome 85, 910
surfactant protein B deficiency 311
"Swiss cheese" cartilage 191
syndrome, Antley-Bixler 641
–, Beckwith-Wiedemann 1132
–, Cantu 550
–, cardio-facio-cutaneous 202
–, Cockayne 1019
–, Fuhrmann 641
–, Griesel's 330
–, Klippel-Feil 1220
–, Laron 1045
–, Stueve-Wiedemann 641
–, Sturge-Weber 85, 910
–, Zellweger 212

## T

tailgut cyst 194
Tay-Sachs disease, spectroscopy 1081
teaching file 344
technique, CT, spine abnormalities 627
–, under-tray radiographs 608
teratoma, pharyngeal 1107
–, sacrococcygeal 1277
testicular appendix torsion 302
– torsion 597
– – score 302
thalamus, hypernatraemia 449
thalassaemia major, iron overload 165
thalassemia 630
thelarche, premature 1045
thrombocytopenia, splenic abscess 887
thrombosis, portal vein 290
thymic cyst, neck 463
thyroglossal duct 463
tracheoesophageal compression, vascular 945
tracheo-oesophageal fistula 159, 216
transcranial Doppler imaging 66
– –, sickle cell dis. 242
trichothiodystrophy 1019
tuberculosis, pulmonary 854
tuberculous meningitis, follow-up 1092
– spondylitis 1159
tuberous sclerosis 1071
– –, MRI 980
tumor lysis, complication 722
– therapy, liver changes 1234
–, astroglial 910
–, mandible 906
–, pharynx 1107
–, radiofrequency ablation 923
tumors, malignant, whole body MRI 766
–, pontine, MRI 872
Turner syndrome, aorta 323
twinkling sign, artifact 351

## U

urachus, cyst 1277
urethral obstruction 691
urinary tract infection 275
US, aneurysmal bone cyst 1240
–, aortic recess 1230
–, appendicitis 392
–, bone fractures 1062
–, –, quantitative 847
–, bowel, duplication cyst 1246
–, –, neonate 1056

–, dried apricots 1224
–, foreign bodies 1224
–, gall bladder 290
–, harmonic, reflux 73
–, heart, function 1147
–, hemangiomas 1178
–, hydrocele, abdominoscrotal 1267
–, kidney stones 351
–, –, pseudotumor 832
–, kidneys, glycogen storage disease 786
–, –, preterm infants 991
–, liver, focal nodular hyperplasia 1234
–, –, hematoma, newborn 1139
–, lymphadenopathy, axillary 854
–, mediastinal 159
–, mediastinum, vascular rings 961
–, musculoskeletal, neonate 1167
–, myofibromatosis infantile 374
–, necrotizing enterocolitis 1056
–, oesophageal atresia 159
–, osteomyelitis 1167
–, pancreas 1066
–, pancreatic disorders 358
–, paratesticular av malformation 532
–, peliosis hepatis 209
–, pheochromocytoma 1132
–, prenatal, sirenomelia 931
–, pseudoaneurysm 434
–, skeletal age 429
–, spine, segmental dysgenesis 914
–, spleen, tuberculosis 887
–, testicular torsion 302
–, urinary tract 655
–, vesicoureteric reflux 73

## V

vascular anatomy, extracardiac, MRA 3
– malformation, mimic, dermis 1250
– malformations, head and neck 1100
– ring 396
– rings 945, 961
– sling 396
vein of Galen malformation 54
vena cava filter, retrievable 1135
– – obstruction, inferior 209
venous plexus, paraspinal 684
– sinus thrombosis 54
vermian agenesis 124, 587
vertebra plana 103
vesicoureteric reflux, US 73
vessels, midgut malrotation 1125
voiding cystourethrography 73
– urosonography 73
volvulus, colonic 1128
–, artery veins variance 1125
–, midgut 529
–, –, mimic 1246
vomiting, non-bilious 808

## W

Walker-Warburg malformation 124
wet lung, CT 891
white matter vanishing 1027
Wilkinson, Robert, obituary 834
Wilms tumor, second malignant neoplasm 1208
– –, treatment 923

## X

xanthoastrocytoma, pleomorphic 910
xeroderma pigmentosum 1019

## Z

Zellweger syndrome 212